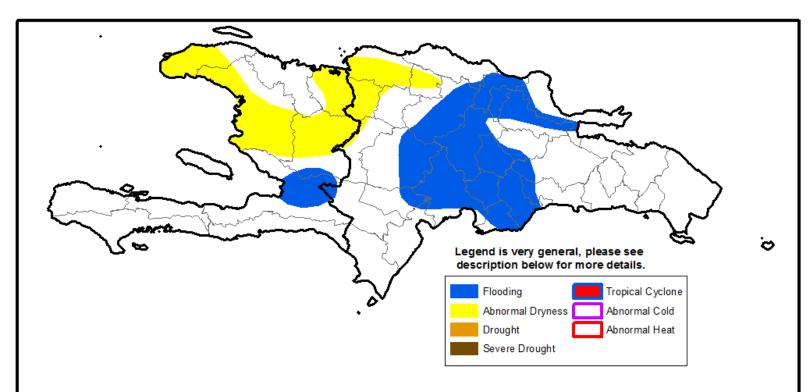


Climate Prediction Center's Hispaniola Hazards Outlook May 5 – May 11, 2016

Large portions of southern and eastern Hispaniola received heavy flooding rains during the past week.



During the last week, a large increase in rainfall was observed throughout southern and eastern parts of the island. Heavy drenching rains, fell over many areas, with totals as high as 300mm observed in eastern Dominican Republic according to TRMM estimates. Observations of 150mm or more were prevalent, including in the Port-au-Prince, Haiti and Santiago de los Caballeros, DR regions, where flooding has been reported. The enhancement in rainfall over the last 7-10 days has erased deficits in central Dominican Republic that had arisen from suppressed rainfall since late March. However, deficits still remain in northern Haiti and neighboring Dominican Republic, where less rain fell last week. Large 30-day rainfall surpluses are now present across much of Dominican Republic and southern Haiti. Remotely sensed vegetation indices depict generally favorable conditions across many areas in Haiti and Dominican Republic. Some deterioration continues to be observed over parts of the Centre, Nord, and Nord-Est departments of Haiti, but improvement is expected for parts of west-central Dominican Republic. Indications from Haiti are that ground conditions are positive for early planting activities. For the upcoming outlook period, precipitation models suggest a seasonable distribution and quantity of rainfall for early May. Locally heavy amounts of precipitation are possible throughout the Dominican Republic. The potential exists for additional flooding where heavy rains fall on already saturated ground and along inundated rivers.